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L3	10150	polarizing adj beam adj splitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:06
L4	9387	(superconducting adj quantum adj interference adj devices) SQUIDS (NMR adj systems) (individual adj (atoms molecules ions)) ((cavity adj quantum adj electro-dynamic) QED adj systems) (photonic adj systems)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:09
L5	1	4 and (quantum adj game)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:09
L6	378	station and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:10
L7	14	station same 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:10
L8	3	(state adj vector) and (quantum adj game)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:10
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S4	8	(two adj particle) and (entangle\$4 adj state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 18:25
S5	0	(two adj particle) same (entangle\$4 adj state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 18:27
S6	2	((pairwise pair-wise round-robin) adj entangle\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/22 20:02


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NF Johnson - Physical Review A, 2001 - APS

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SJ van Enk, R Pike - Physical Review A, 2002 - APS

... We consider two aspects of **quantum game** theory: the extent to which the quantum solution solves the original classical game, and to what extent the new ...[Cited by 36](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**[Comment on "Quantum Games and Quantum Strategies" - all 8 versions »](#)**

SC Benjamin, PM Hayden - Physical Review Letters, 2001 - APS

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... Furthermore this **quantum game** is experimentally realized on our nuclear magnetic resonance quantum computer. ©2002 The American Physical Society. ...[Cited by 103](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**[Evolutionary quantum game - all 7 versions »](#)**

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AP Flitney, D Abbott - Arxiv preprint quant-ph/0208069, 2002 - arxiv.org

... An introduction to **quantum game** theory ... We provide an introduction to **quantum**

**game theory** and review the current status of the subject. ...

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A Iqbal, AH Toor - Physical Review A, 2002 - APS

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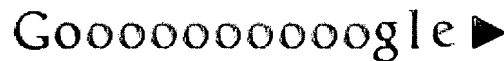
## Quantum Game - all 4 versions »

A Iqbal, AH Toor - Arxiv preprint quant-ph/0101106, 2001 - arxiv.org

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S Montangero, G Benenti, R Fazio - Physical Review Letters, 2003 - APS

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... The concurrence [18] quantifies instead the **pairwise entanglement** between two spins at sites  $i, j$  both at zero and finite temperature. ...Cited by 64 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**Spin squeezing and pairwise entanglement for symmetric multiqubit states - all 9 versions »**

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... A general result is found that for even-number rings, **pairwise entanglement** between nearest-neighbor qubits is independent of both the sign of exchange ...Cited by 30 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**Continuous Frequency Entanglement: Effective Finite Hilbert Space and Entropy Control - all 4 versions »**

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SJ Gay, R Nagarajan - Proceedings of the 32nd ACM SIGPLAN-SIGACT symposium on ..., 2005 - portal.acm.org

 ... This is true even if the **entangled qubits** are physically separated ... example is based on a scenario used by Meyer [14] to initiate the study of **quantum game** theory ...

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KY Chen, T Hogg, R Beausoleil - Quantum Information Processing, 2002 - Springer

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 ... Moreover, it was soon pointed out that any such **quantum game** can be ... It is not difficult to check that the equilibrium with two **entangled qubits** described in ...

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IV Bargatin, BA Grishanin, VN Zadkov - Physics-Uspekhi, 2001 - turpion.org

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 ... **Entangled qubits** are required for quantum communication, most prominently for

quantum ...

or to serve as a truly efficient judge in novel **quantum game** protocols [28 ...

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... Next we consider two models of the above generalized **quantum game** with single qubit and two **entangled qubits**, in which the Nash theorem holds. ...

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J Ślaskowski - Physica A: Statistical Mechanics and its Applications, 2003 - Elsevier  
 ... The **quantum game's** definition may also include certain additional rules, such as  
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J Wu - Arxiv preprint quant-ph/0404159, 2004 - arxiv.org  
 ... be clear when we do it on **quantum game**. ... In fact, the base vector set of Hilbert space  
 of system state of **N players** can be defined as direct product of single ...

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 ... have been shown to be very different from those of their classical counterparts,

eg the dilemma of the prisoners have been resolved in the **quantum game**. ...

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... an N-qubit entangled state  $|\Psi\rangle$  and distributes it among **N players**, one qubit for ... game with pure strategies cannot be reproduced in the **quantum game** settings. ...

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 ... state vector representing **N** pairs of **entangled qubits** and selecting ... Each of **n players** of the game can select one ... a flow diagram of a **quantum game** in accordance ...  
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